

FybreI™ (Polyethylene)SDS Number: 51117A1
Version: 4.0Date of first issue: 03/19/2019
Revision Date: 10/05/2023**SECTION 1. IDENTIFICATION****Product identifier**

Product name : FybreI™ (Polyethylene)

SDS Number : 51117A1

Recommended use of the chemical and restrictions on use

Recommended use : Tea bag, Specialty paper, Paint, coating and construction materials

Recommended restrictions on use : For industrial use only.

Company/Undertaking Identification**Supplier/Importer**

Company : Mitsui Chemicals America, Inc.

Street address : 800 Westchester Avenue, Suite S306, Rye Brook, NY 10573, USA

Telephone : +1-914-253-0777

Telefax : +1-914-253-0790

Manufacturer

Company : Mitsui Chemicals, Inc.

Street address : 2-2-1 Yaesu, Chuo-ku, Tokyo 104-0028, Japan

Responsible Department : Personal Care Materials Div.

Telephone : +81-3-6880-7451

Telefax : +81-3-6880-7561

Emergency Phone Number

Not available.

SECTION 2. HAZARD(S) IDENTIFICATION**Classification of the chemical in accordance with paragraph (d) of §1910.1200**

Not applicable; This product is a manufactured "article" which is exempt from the OSHA HCS's requirements, as per 29 CFR 1910.1200 (b)(6)(v).

Although none of hazard statements are applicable, this product should be handled with following precautions.

Precautionary statements : **Prevention:**
Avoid release to the environment.
Response:
Call a POISON CENTER or doctor/ physician if you feel unwell.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

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Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration
polyethylene	9002-88-4	30 - 70%
polyvinyl alcohol	9002-89-5	<=3.0% (dry wt.)
water	7732-18-5	30 - 70%
n-hexane (*)	110-54-3	<0.2%

(*) adhering substance

Hazardous components : none**Composition comments:**

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with 29 CFR 1910.1200 (i).

SECTION 4. FIRST AID MEASURES**Description of first aid measures**

- If inhaled : If you feel unwell: Remove to fresh air.
Get medical attention immediately if symptoms occur.
- In case of skin contact : Get medical attention immediately if symptoms occur.
- In case of eye contact : Flush with plenty of water.
Get medical attention immediately if symptoms occur.
- If swallowed : It is preferable to remove it when clogging the processed goods lump in the throat.
Get medical attention immediately if symptoms occur.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treatment : None.

SECTION 5. FIREFIGHTING MEASURES**Suitable and unsuitable extinguishing media**

Suitable extinguishing media : Water jet, Water mist, Foam, Dry chemical, Carbon dioxide

Unsuitable extinguishing media : none

Specific hazards arising from the chemical

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Hazardous combustion products : Organic acids, Carbon monoxide, Carbon dioxide

Advice for firefighters

Special protective equipment for firefighters : Respiratory and eye protection required for fire-fighting personnel.
Full protective equipment and self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires.

Further information : Keep unnecessary and unprotected personnel away.
Remove undamaged containers from fire area if it is safe to do so.
Fight fire from an upwind position.
Keep containers and surroundings cool with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Should not be released into the environment.

Methods and materials for containment and cleaning up : Scattered material should be collected to paper bag, etc.

SECTION 7. HANDLING AND STORAGE**Precautions for safe handling**

Technical measures : Install appropriate equipment and wear appropriate personal protective equipment (see "8. Exposure control/personal protection").
Keep away from heat, sparks and flame.

Advice on safe handling : Do not handle until all safety precautions have been read and understood.

Hygiene measures : Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage : Store in accordance with the particular national regulations.
Keep in a dry, cool and well-ventilated place.
Keep away from heat, sparks and flame.
Store indoors.
When storing outdoors for a short period of time, cover each package with a waterproof sheet and a light-shielding sheet.

Materials to avoid : See section 10.

Packaging material : Plastic containers
Plastic bags

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Not applicable; This product is a manufactured "article" which do not result in exposure to hazardous chemicals under normal conditions of use.

Engineering measures : Provide general or local exhaust ventilation as necessary.

Personal protective equipment

Respiratory protection : Wear as appropriate:
Respirator with a particle filter

Hand protection : Wear as appropriate:
: Protective gloves

Eye protection : Wear as appropriate:
: Safety glasses

Skin and body protection : Wear as appropriate:
: Protective suit, Safety helmet, Safety shoes

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : solid
Form : Wet sheets
Colour : white
Odour : odorless
Odour Threshold : no data available
pH : no data available
Melting point/freezing point : no data available
Boiling point/boiling range : No information available.
Flash point : no data available
Evaporation rate : no data available
Flammability (solid, gas) : Not expected to form explosive dust-air mixtures.
Upper explosion limit : no data available
Lower explosion limit : no data available
Vapour pressure : no data available
Relative vapour density : no data available
Relative density : no data available
Density : no data available
Water solubility : insoluble
Solubility in other solvents : no data available
Partition coefficient:
n-octanol/water : no data available
Auto-ignition temperature : no data available
Thermal decomposition : no data available
Viscosity, dynamic : no data available
Viscosity, kinematic : no data available
Burning rate : no data available

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	no data available
Chemical stability	:	This material does not ignite easily, but will burn when dry. Stable under normal conditions.
Possibility of hazardous reactions	:	no data available
Conditions to avoid	:	Heat, Sunlight
Incompatible materials	:	Strong oxidizers, Strong acids and strong bases
Hazardous decomposition products	:	Organic acids, Carbon monoxide, Carbon dioxide

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Primary Routes of Entry : Inhalation, Eye contact, Skin contact, Ingestion

Potential Health Effects

Inhalation : Dust may cause respiratory tract irritation.
Skin contact : Contact with dust can cause mechanical irritation.
Eye contact : Dust contact with the eyes can lead to mechanical irritation.
Ingestion : No significant health hazard identified.

Information on Carcinogenicity

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA : No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Information on toxicological effects**Product:**

Acute oral toxicity : No data is available on the product itself.
Acute dermal toxicity : No data is available on the product itself.
Acute inhalation toxicity : No data is available on the product itself.
Skin corrosion/irritation : No data is available on the product itself.
Serious eye damage/eye irritation : No data is available on the product itself.
Sensitisation : No data is available on the product itself.
Germ cell mutagenicity : No data is available on the product itself.

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Carcinogenicity	: No data is available on the product itself.
Reproductive toxicity	: No data is available on the product itself.
STOT - single exposure	: No data is available on the product itself.
STOT - repeated exposure	: No data is available on the product itself.
Aspiration toxicity	: No data is available on the product itself.

SECTION 12. ECOLOGICAL INFORMATION**Toxicity****Product:**

no data available

Persistence and degradability**Product:**

no data available

Bioaccumulative potential**Product:**

no data available

Mobility in soil**Product:**

no data available

Other adverse effects**Product:**

Ozone-Depletion Potential : Regulation: CAA 602 I
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues	: In accordance with local and national regulations. Dispose of wastes in an approved waste disposal facility. When outsourcing waste treatment, be sure to notify the treatment company regarding the hazards before outsourcing.
Contaminated packaging	: Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION**DOT**

Not classified as dangerous in the meaning of transport regulations.

IATA

Not classified as dangerous in the meaning of transport regulations.

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Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION**TSCA**

This product is an article and is exempt from listing on the TSCA Inventory.
No substances are subject to a Significant New Use Rule.
No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act**CERCLA Reportable Quantity**

n-hexane

CAS-No.: 110-54-3

RQ : 5000 lbs

SARA 311/312 Hazards

No SARA Hazards

SARA 302

This product does not contain any components with a SARA 302 RQ.

SARA 313

This product does not contain any components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

WARNING: This product can expose you to chemicals including n-hexane, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Date of preparation or last revision : 10/05/2023

List of references : In-house data
Information acquired by literature documentation

This SDS was prepared in compliance with USA OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.